

CONGESTION MITIGATION AND AIR QUALITY (CMAQ) PROGRAM FOR SFY2024 AND SFY2025

**Air Quality Subcommittee
June 21, 2019**

ACTION REQUESTED

No action is being requested at this time. This item is presented for information only.

PREVIOUS ACTION

None

BACKGROUND

Purpose of CMAQ program

- Advance transportation projects or programs that will contribute to attainment or maintenance of the National Ambient Air Quality Standards (NAAQS) for Ozone (O₃), Carbon Monoxide (CO), and Particulate Matter (both PM₁₀ and PM_{2.5}).

Goals

- Improve Air Quality
- Relieve Congestion



BACKGROUND

Program Administration

- 2014 Cycle – NOACA received Approx \$42M in awards
- 2015 Cycle – NOACA received Approx \$5M in awards
- 2017 Cycle – NOACA received Approx \$47M in awards
- 2019 Cycle – NOACA anticipated to receive approximately \$27M in awards for implementation in 2024-2025

BACKGROUND

Eligible Applicants

- Qualified government entities, including local governments, regional transit agencies, port authorities, state agencies, or projects may also be implemented through a Public-Private-Partnership

Phases of Development Eligible for Funding

- **Provides eligible project costs associated with:**
 - Non-infrastructure activities and operating costs
 - Infrastructure projects: Preliminary development, detailed design, right of way acquisition, and construction

BACKGROUND

Eligible Project Types Including Project Type Score

- Regional Rideshare/Vanpool Programs (10)
- Congestion Reduction, Traffic Flow Improvements & Intelligent Transportation Systems (10)
- Transit Vehicle Replacement (8)
- Freight/Intermodal Including Diesel Engine Retrofits (7)
- Public Education and Outreach (6)
- Transit Service Upgrades (5)
- Bicycle/Pedestrian (4)
- Alternative Fuels and Vehicles – Non-Transit (4)
- Employer-Based Programs (4)
- Travel Demand Management (3)
- Modal Subsidies and Vouchers (3)
- Transit Facility Upgrades (2)
- Other Transportation Control Measures (2)

BACKGROUND

Project Evaluation Criteria

100 Total Points

1. Project Type (10):

- Recognized project types with proven emissions reducing benefits

2. Cost Effectiveness (20);

- Project's ability to reduce emissions per CMAQ dollar invested

3. Other Benefits (10):

- Benefits Safety, Freight, Fixed Route Transit, Bike/Ped, and EJ Areas

4. Existing Modal Quality of Service (LOS/QOS) (15):

- Existing level of service facility currently operating

5. Positive Impact on QOS/LOS (15)

- Projected level of service facility will operate at post project

BACKGROUND

Project Evaluation Criteria

100 Total Points

6. Status of Project (10):

- Project readiness, status of project development

7. Non-Federal Match of Requested CMAQ Funds (10):

- Significance of non-CMAQ funding contribution

8. Regional Priority (10):

- MPO priority points given up to four project submittals at 10,7,4, and 2

9. Past Project Delivery (-10):

- Past delivery performance of the project sponsor

BACKGROUND

Program Timeline

DATE	ACTIVITY
April 19, 2019	Project Solicitation Begins
May 8, 2019	CMAQ Applicant Workshop @ NOACA
May 31, 2019	Applications Due to NOACA by 12pm
NOACA and Statewide Committee Review	
June 21, 2019	Air Quality and Transportation subcommittees for information
July 12, 2019	Planning and Programming Committee Recommendation of Priority Projects
September 13, 2019	Board Action on Priority Projects
October 2019/November 2019	Statewide CMAQ Committee Evaluation and Project Funding Recommendation

2019 CMAQ PROJECT REQUESTS					
County	Sponsor Agency	Project Name and Description	Primary Project Type	Total Cost	Total CMAQ \$ Requested*
CUY	BEDFORD HEIGHTS	RICHMOND ROAD MULTI-PURPOSE TRAIL	Bicycle	\$ 634,440	\$634,440
CUY	CLEVELAND METROPARKS	WEST CREEK GREENWAY	Bicycle	\$ 1,800,000	\$1,422,000
CUY	GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY	GCRTA 2024-2025 BUS REPLACEMENT PROGRAM	Vehicle Replacement	\$ 20,750,000	\$16,600,000
CUY	GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY	BLUE AND GREEN RAIL LINE SHELTER IMPROVEMENTS	Transit Facility Upgrade	\$ 2,000,000	\$1,600,000
CUY	GLENWILLOW	BROADWAY-RICHMOND INTERSECTION RECONSTRUCTION PROJECT	Roadway/Signals	\$ 1,711,610	\$1,369,288
GEA	CHARDON	CITY OF CHARDON TRAFFIC SIGNAL UPDATE	Roadway/Signals	\$ 1,627,340	\$741,170
LAK	LAKETRAN	LAKETRAN VEHICLE REPLACEMENTS	Vehicle Replacement	\$ 4,760,000	\$3,808,000
LAK	WILLOUGHBY	SR 91-SOM CENTER ROAD MULTI-PURPOSE TRAIL	Bicycle	\$ 2,307,163	\$1,845,730
LOR	LORAIN CO METROPARKS	SHEFFIELD VILLAGE CONNECTOR	Bicycle	\$ 500,000	\$400,000
REG	NOACA	ELECTRIC VEHICLE CHARGING STATIONS	Alternate Fuel	\$ 1,000,000	\$1,000,000
TOTAL				\$ 37,090,553	\$29,420,628

FINANCIAL IMPACT

**There is no financial impact at this time
Action does not approve proposed funding or
implementation schedule of the project**

NEXT STEPS

Staff will evaluate applications and present recommendations to the Planning and Programming Committee at their July 2019 meeting





NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

